



Germanischer Lloyd

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 33 899 - 06 HH

Company FRIATEC AG  
Building Services Division  
Steinzeugstr. 50  
68229 Mannheim, GERMANY

Product Description THERMOPLASTIC PIPES AND FITTINGS

Type FRIATHERM® rigid

Environmental Category None

Technical Data / Range of Application TECHNICAL DATA  
Pipes and fittings: FRIAPLAST 110-65 PVC-C acc. to DIN 8079 / 8080  
Fittings: Plastic or brass, tin-coated as well as gunmetal  
Connections: Conical press-fit welding joints, "Component+" solvent cement  
Size range [P.O.D.]: 16 [mm] to 90 [mm]  
M.A.W.P.: 10 [bar] M.A.W.T.: 90 [°C]  
RANGE OF APPLICATION  
Potable and wash water systems which are installed behind B-Class or C-Class ceilings and linings. In case no ceiling or lining is existing the pipes are to be provided with approved fire insulation.  
LIMITATION  
The piping system is not approved for installation within tanks and open decks.  
INSTALLATION  
The installation of the piping system is to be carried out in accordance with the instructions of the manufacturer and the installation requirements of the IMO Resolution as applicable.

Test Standard • IMO Resolution A.753 (18) except flame spread-, fire endurance-, toxicity- and smoke generation test.

Documents • Test Reports  
• Technical Data  
• Catalogue

Remarks • For the use on passenger vessels national Regulations may have to be observed.

Valid until 2011-10-08

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Type Approval Symbol



File No. II.C.04

Hamburg, 2006-10-09

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